GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:549
ANSWERED ON:30.08.2001
TAPPING OF HYDEL GENERATION POTENTIAL
T.M. SELVAGANAPATHI

Will the Minister of POWER be pleased to state:

(a) whether the Government are likely to bring out a blue print on tapping of hydel generation potential in the country; and

(b) if so, the details thereof?

Answer

THE MINISTER OF POWER (SHRI SURESH P. PRABHU)

(a) & (b) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) & (b) OF STARRED QUESTION NO. 549 TO BE ANSWERED IN THE LOK SABHA ON 30.08.2001 REGARDING TAPPING OF HYDEL GENERATION POTENTIAL.

(a) : Yes, Sir. A `Blue Print for Power Sector Development` has been prepared and hydro power development in the country has been accorded high priority.

(b) : On the basis of studies carried out by the Central Electricity Authority(CEA) during 1978-1987, the economically exploitable hydro potential of major/medium schemes in the country was assessed to be around 84044 MW at 60% load factor, corresponding to an installed capacity of 150,000 MW approximately. As on 1.8.2001, on the basis of 60% load factor, a hydro-potential of 14003.43 MW has been developed and 5281.55 MW is under development.

Government of India has initiated action to develop about 30,000 MW of hydro power in the various parts of the country. A substantial portion of this is in the North East, Jammu & Kashmir, Himachal Pradesh and Uttaranchal. The North East has the highest untapped potential. Action has been initiated to develop hydro-electric projects in Siang and Subansiri Basins (20700 MW) in the North East, besides other projects.

With the object of executing the feasible hydro power projects in the country, the Central Electricity Authority (CEA) has been asked to carry out a ranking study of all the undeveloped hydro sites in the country. CEA has initiated a basin-wise exercise in consultation with the Ministry of Environment and Forests, Central Water Commission, Geological Survey of India and National Remote Sensing Agency to identify those projects which could be taken up first so that hydro power development is taken up in an appropriate sequence. The Government has recently introduced a three stage process for development of the new hydro electric projects in the Central Sector. The budgetary allocation for the hydro sector has also been enhanced to accelerate capacity addition.